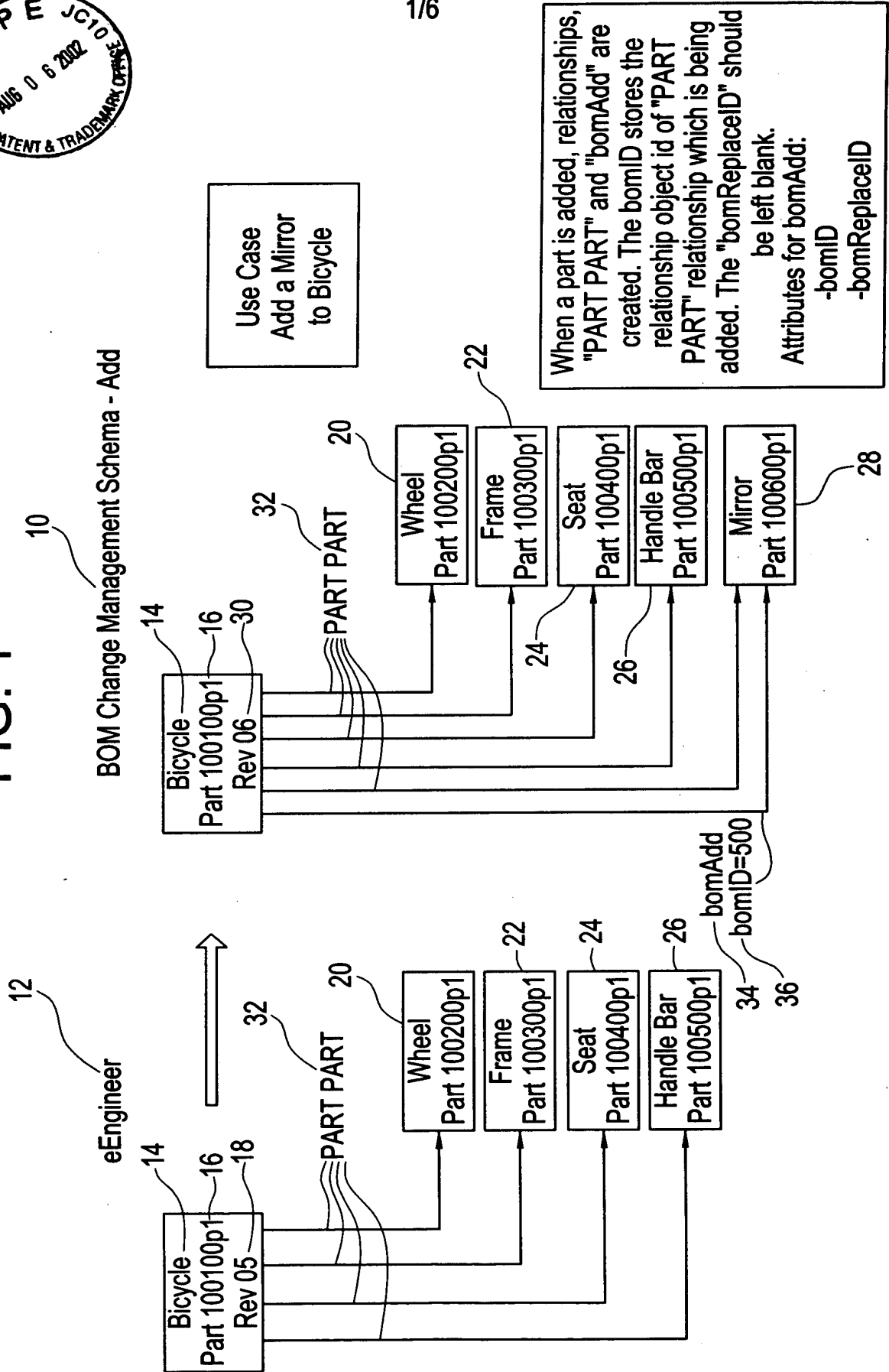
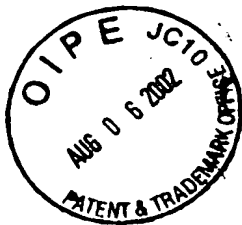


1/6

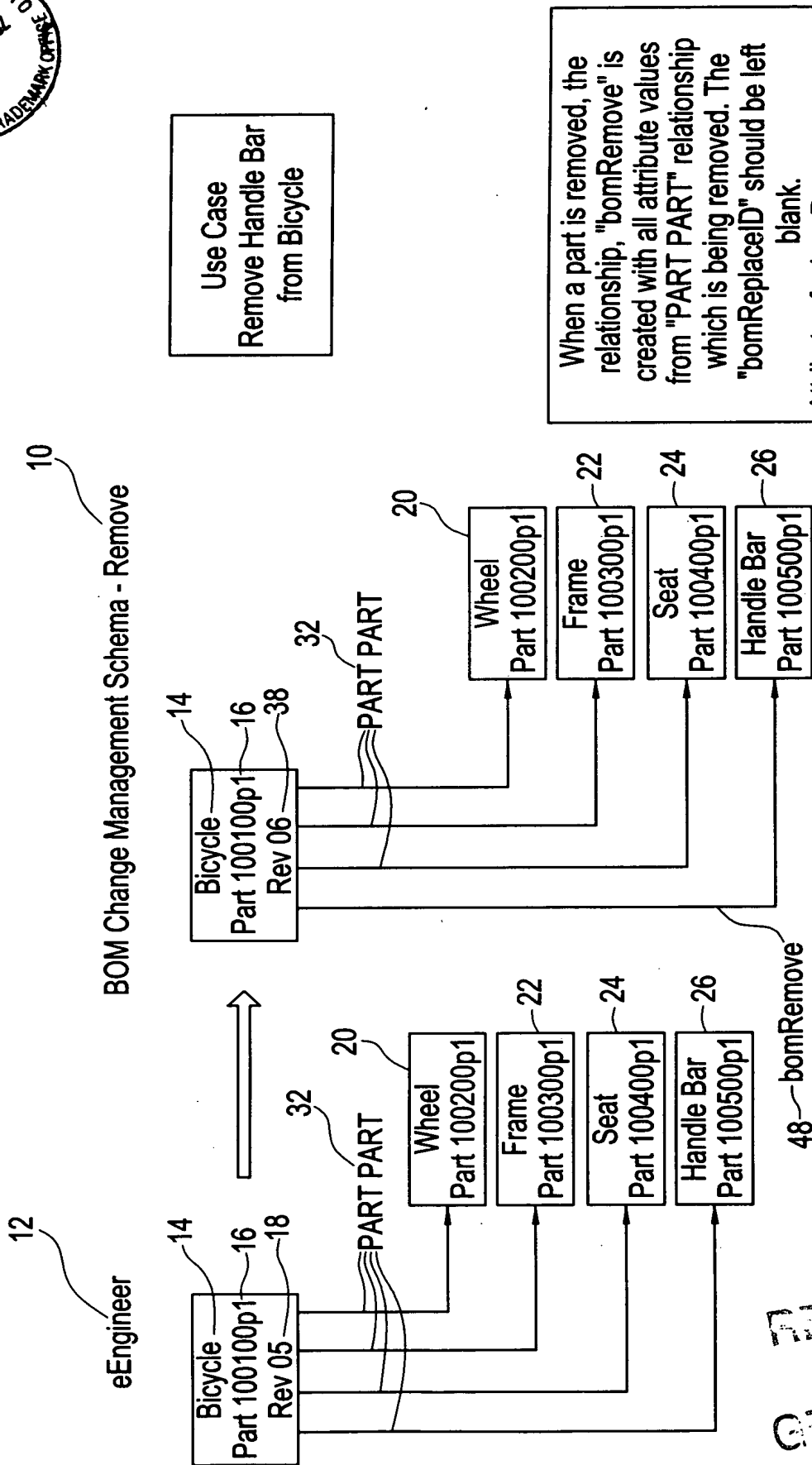
FIG. 1





2/6

FIG. 2



Use Case
 Remove Handle Bar
 from Bicycle

When a part is removed, the relationship, "bomRemove" is created with all attribute values from "PART PART" relationship which is being removed. The "bomReplaceID" should be left blank.
 Attributes for bomRemove:
 -all attributes from PART PART
 -bomReplaceID

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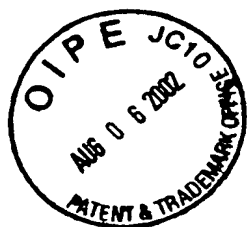
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3/6

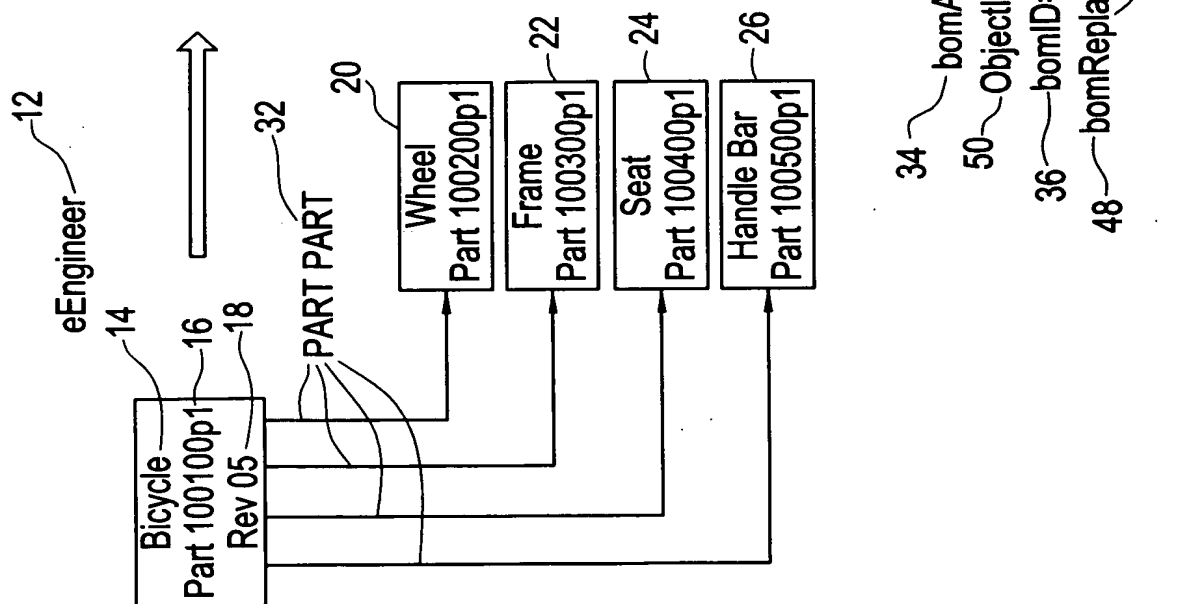
GROUP 300



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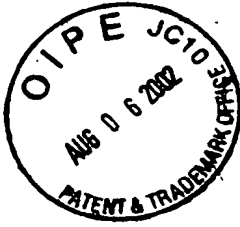
FIG. 3

BOM Change Management Schema - Replace



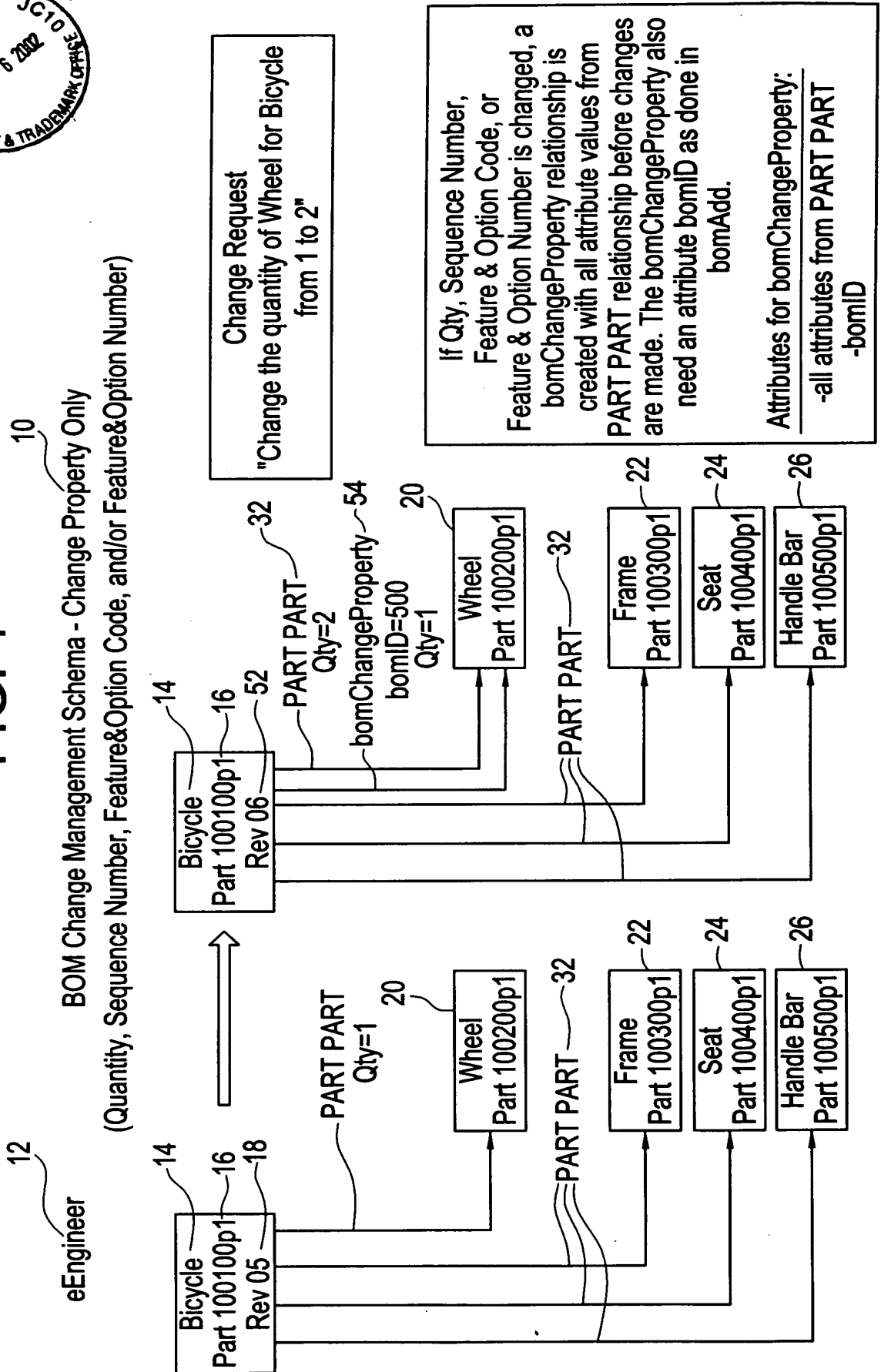
Use Case
 "Replace Frame with
 Lightweight Frame"

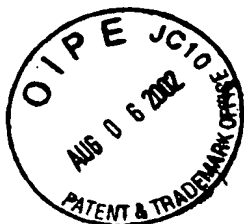
When a part is replaced with another part, relationships, "bomRemove" and "bomAdd" are created. The bomID stores the relationship object id of "PART PART" relationship which is being added. The bomReplaceID on bomAdd stores the relationship object id of bomRemove.
 The bomReplaceID on bomRemove stores the relationship object id of bomAdd.
 Attributes for bomAdd:
 -bomID
 -bomReplaceID
 Attributes for bomRemove:
 -all attributes from PART PART
 -bomReplaceID



4/6

FIG. 4





5/6

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FIG. 5

Removed (From)						Added (To)					
Type	Name	Rev.	Seq#	Qty.	FO	Type	Name	Rev.	Seq#	Qty.	FO
Part	Test1	02	0003	2		Part	Test5	05	0001	1	
Part	Test2	01	0002	5		Part	Test3	03	0002	5	
Part	Test9	01	0001	5		Part	Test9	01	0001	7	

FIG. 6

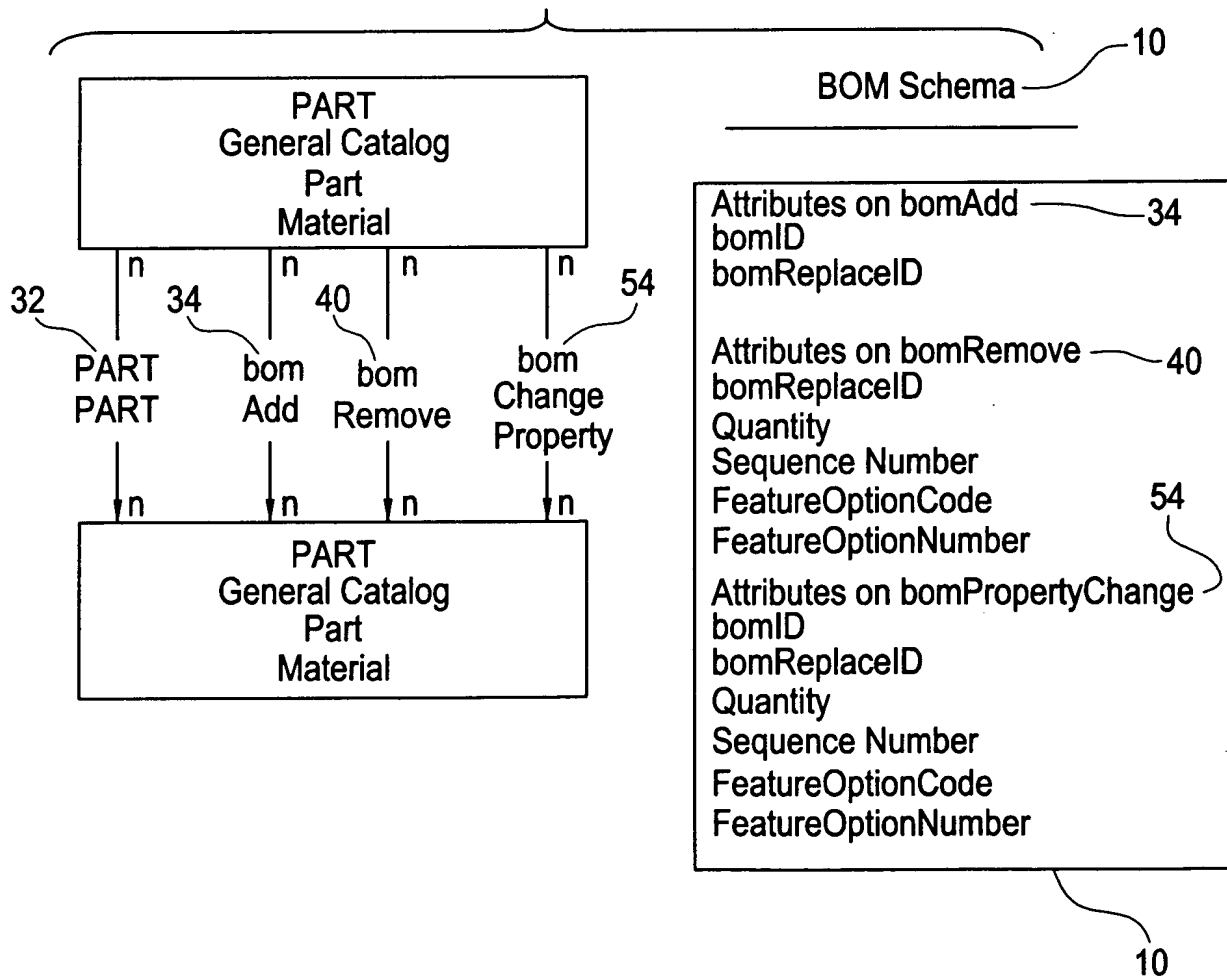




FIG. 7

